

ABSTRACT OF THE DISCLOSURE

Disclosed herein is a saw blade for cutting hard workpieces, such as concrete or stone, characterized by improvement of the shape of a shank of the saw blade providing a plurality of cutting tips of the saw blade with a rotational force while the cutting tips are securely attached to the shank. The saw blade comprises a disc-shaped shank having an insertion hole formed at the center thereof, through which a rotating shaft of an electric-powered tool is inserted, and wave-shaped portions formed over a prescribed portion of the radius of the disc-shaped shank, and a plurality of cutting tips attached to the outer circumference of the shank for cutting a workpiece.

The wave-shaped portions are spaced a prescribed distance from each other and alternately arranged on the front and rear surfaces of the disc-shaped shank. The prescribed portion of the radius of the disc-shaped shank is at a distance from the center of the insertion hole. The cutting tips contain particles of high hardness.